

# **ATAGENIX LABORATORIES**

# Catalog Number:ATA31811 KBRS1 rabbit Polyclonal Antibody

### 产品概述

产品名(Product Name)	KBRS1 rabbit Polyclonal Antibody
货号(Catalog No.)	ATA31811
种类(Category)	Primary antibodies
宿主(Host)	Rabbit
反应 <b>种属</b> (Species specificity)	Human,Mouse
应用实验(Tested applications)	WB,ELISA
克隆性(Clonality)	Polyclonal
偶连物(Conjugation)	Unconjugated
免疫原(Immunogen)	Synthesized peptide derived from human protein . at AA range: 50-130
产品性能	
状态(Form)	Liquid
存放条件(Storage)	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 4 $^{\circ}\mathrm{C}$
	for frequent use. Store at -20 to -80 °C for twelve months from the date of receipt.
纯化方式(Purity)	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography
	using epitope-specific immunogen.

#### 应用

WB 1:500-2000 ELISA 1:5000-20000

### 产品背景

domain: In contrast to other members of the Ras family, the members of the KappaB-Ras subfamily do not contain the conserved Gly and Gln residues in positions 13 and 65, which are replaced by Leu residues, and are therefore similar to the constitutively active forms of oncogenic forms of Ras. This suggests that members of this family are clearly different from other small GTPases proteins., function: Atypical Ras-like protein that acts as a potent regulator of NF-kappa-B activity by preventing the degradation of NF-kappa-B inhibitor beta (NFKBIB) by most signals, explaining why NFKBIB is more resistant to degradation. May act by blocking phosphorylation of NFKBIB and mediating cytoplasmic retention of p65/RELA NF-kappa-B subunit. It is unclear whether it acts as a GTPase. Both GTP- and GDP-bound forms block phosphorylation of NFKBIB., similarity:Belongs to the small GTPase superfamily. Ras family. KappaB-Ras subfamily., subunit:Interacts with both NF-kappa-B





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inhibitor alpha (NFKBIA) and beta (NFKBIB) in vitro. However, it probably only interacts with NFKBIB in vivo. Forms a complex with NFKBIB and NF-kappa-B heterodimer (p50/NFKB1 and p65/RELA). Also interacts with c-Rel (REL).,tissue specificity: Widely expressed.,